

**NEWBERRY FOREST MGT UNIT**

**Stand Level Information**

**Compartment: 121 Entry Year: 2007**

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
1	L0	L0	126			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Lowland brush corridor along Sage River														
2	S3	S3	95	26		0	35	black spruce-swamp	immature	N		60-69 years	0	
comnts Fmd : Young spruce regeneration. Strip cuts done in 1970 and then the leave strips cut in 1979. Carbondale, Lupton and Tawas muck soils.														
3	Q5	Q1	37	84	8	60	30	mixed swamp conifer	immature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet Influence zones														
4	S5	S2	8	92	7	60	30	black spruce-swamp	two aged	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity Too wet														
comnts Fmd : Stand density is very variable. Open areas and very thick pockets throughout. Spruce in overstory is mature. Some blowdown and mortality. Entire area is more open than it was on the 1953 and 1964 photos. Stands are showing decline in the overstory with thick regeneration in the open areas. Understory is very thick and established in many parts of these stands. Carbondale, Lupton and Tawas mucks.														
5	A5	F1	18	85	9	40	50	aspen (upland)	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Too wet														
6	S5	S2	169	92	7	60	30	black spruce-swamp	two aged	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity Too wet														
comnts Fmd : Stand density is very variable. Open areas and very thick pockets throughout. Spruce in overstory is mature. Some blowdown and mortality. Entire area is more open than it was on the 1953 and 1964 photos. Stands are showing decline in the overstory with thick regeneration in the open areas. Understory is very thick and established in many parts of these stands. Carbondale, Lupton and Tawas mucks.														
7	S3	S2	22	63		0	30	black spruce-swamp	immature	N		30-39 years	0	
comnts Fmd : Mainly spruce with some balsam and tamarack. Pockets of merchantable spruce and tamarack. Compared to the 1953 and 1964 photos, these areas are expanding due to decline in the mature spruce. Open areas throughout stand of more of an S1/S2. Some red maple and cedar regeneration. Carbondale, Lupton and Tawas mucks.														
8	S3	S2	29	63		0	30	black spruce-swamp	immature	N		30-39 years	0	
comnts Fmd : Mainly spruce with some balsam and tamarack. Pockets of merchantable spruce and tamarack. Compared to the 1953 and 1964 photos, these areas are expanding due to decline in the mature spruce. Open areas throughout stand of more of an S1/S2. Some red maple and cedar regeneration. Carbondale, Lupton and Tawas mucks.														
9	S6	S3	17	95	9	120	45	black spruce-swamp	mature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Influence zones Too wet														
comnts Fmd : Tall black spruce along the Sage River corridor. Healthy spruce with scattered tamarack and an occasional cedar. Access to this stand would be extremely difficult. Carbondale, Lupton and Tawas mucks.														
10	S6	S3	65	92	9	120	43	black spruce-swamp	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity Road needed (resources not presently available)														
comnts Fmd : Nice dense black spruce stand. Healthy. Scattered tamarack throughout stand. Blowdown along edges of the stand. Plot data is from stands 24, 29, and 36. Access could be a problem due to private land and wet ground. Check in 10 years for harvest. Carbondale, Lupton and Tawas mucks.														

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
11	S5	S2	6	92	7	60	30	black spruce-swamp	two aged	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
Too wet														
comnts Fmd : Stand density is very variable. Open areas and very thick pockets throughout. Spruce in overstory is mature. Some blowdown and mortality. Entire area is more open than it was on the 1953 and 1964 photos. Stands are showing decline in the overstory with thick regeneration in the open areas. Understory is very thick and established in many parts of these stands. Carbondale, Lupton and Tawas mucks.														
12	S5	S2	45	92	7	60	30	black spruce-swamp	two aged	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
Too wet														
comnts Fmd : Stand density is very variable. Open areas and very thick pockets throughout. Spruce in overstory is mature. Some blowdown and mortality. Entire area is more open than it was on the 1953 and 1964 photos. Stands are showing decline in the overstory with thick regeneration in the open areas. Understory is very thick and established in many parts of these stands. Carbondale, Lupton and Tawas mucks.														
13	S3	S2	27	63		0	30	black spruce-swamp	immature	N		30-39 years	0	
comnts Fmd : Mainly spruce with some balsam and tamarack. Pockets of merchantable spruce and tamarack. Compared to the 1953 and 1964 photos, these areas are expanding due to decline in the mature spruce. Open areas throughout stand of more of an S1/S2. Some red maple and cedar regeneration. Carbondale, Lupton and Tawas mucks.														
14	S5	S2	119	92	7	60	30	black spruce-swamp	two aged	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
Too wet														
comnts Fmd : Stand density is very variable. Open areas and very thick pockets throughout. Spruce in overstory is mature. Some blowdown and mortality. Entire area is more open than it was on the 1953 and 1964 photos. Stands are showing decline in the overstory with thick regeneration in the open areas. Understory is very thick and established in many parts of these stands. Carbondale, Lupton and Tawas mucks.														
15	S5	S2	14	92	7	60	30	black spruce-swamp	two aged	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
Too wet														
comnts Fmd : Stand density is very variable. Open areas and very thick pockets throughout. Spruce in overstory is mature. Some blowdown and mortality. Entire area is more open than it was on the 1953 and 1964 photos. Stands are showing decline in the overstory with thick regeneration in the open areas. Understory is very thick and established in many parts of these stands. Carbondale, Lupton and Tawas mucks.														
16	S5	S2	18	92	7	60	30	black spruce-swamp	two aged	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
Too wet														
comnts Fmd : Stand density is very variable. Open areas and very thick pockets throughout. Spruce in overstory is mature. Some blowdown and mortality. Entire area is more open than it was on the 1953 and 1964 photos. Stands are showing decline in the overstory with thick regeneration in the open areas. Understory is very thick and established in many parts of these stands. Carbondale, Lupton and Tawas mucks.														
17	S3	S2	32	63		0	30	black spruce-swamp	immature	N		30-39 years	0	
comnts Fmd : Mainly spruce with some balsam and tamarack. Pockets of merchantable spruce and tamarack. Compared to the 1953 and 1964 photos, these areas are expanding due to decline in the mature spruce. Open areas throughout stand of more of an S1/S2. Some red maple and cedar regeneration. Carbondale, Lupton and Tawas mucks.														
18	C3	C3	4	67		0	30	cedar	immature	N		50-59 years	0	

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
19	S6	S3	15	92	9	120	43	black spruce-swamp	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
Road needed (resources not presently available)														
comnts Fmd : Nice dense black spruce stand. Healthy. Scattered tamarack throughout stand. Blowdown along edges of the stand. Plot data is from stands 24, 29, and 36. Access could be a problem due to private land and wet ground. Check in 10 years for harvest. Carbondale, Lupton and Tawas mucks.														
20	S6	S3	2	92	9	120	43	black spruce-swamp	mature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
Road needed (resources not presently available)														
comnts Fmd : Nice dense black spruce stand. Healthy. Scattered tamarack throughout stand. Blowdown along edges of the stand. Plot data is from stands 24, 29, and 36. Access could be a problem due to private land and wet ground. Check in 10 years for harvest. Carbondale, Lupton and Tawas mucks.														
21	S5	S2	3	92	7	60	30	black spruce-swamp	two aged	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
Too wet														
comnts Fmd : Stand density is very variable. Open areas and very thick pockets throughout. Spruce in overstory is mature. Some blowdown and mortality. Entire area is more open than it was on the 1953 and 1964 photos. Stands are showing decline in the overstory with thick regeneration in the open areas. Understory is very thick and established in many parts of these stands. Carbondale, Lupton and Tawas mucks.														
22	C3	C3	23	67		0	30	cedar	old growth (potential or actual)	N		50-59 years	0	
comnts Fmd : SCA - deer yard														
23	S3	S2	17	63		0	30	black spruce-swamp	immature	N		30-39 years	0	
comnts Fmd : Mainly spruce with some balsam and tamarack. Pockets of merchantable spruce and tamarack. Compared to the 1953 and 1964 photos, these areas are expanding due to decline in the mature spruce. Open areas throughout stand of more of an S1/S2. Some red maple and cedar regeneration. Carbondale, Lupton and Tawas mucks.														
24	S6	S3	27	92	9	120	43	black spruce-swamp	mature	Y	final harvest	within 0-9 years	3	
<u>Treatment Limiting Factors:</u>														
Too wet														
Road needed (resources not presently available)														
comnts Fmd : Nice dense black spruce stand. Healthy. Scattered tamarack throughout stand. Blowdown along edges of the stand. Plot data is from stands 24, 29, and 36. Access could be a problem due to wet ground to go through to get to the stand. Possible via old ice road on a good winter. Possible to harvest with stands 29, 36, and 35. Much of the area appears to be dying out when compared to the 1953 and 1964 photos. If access is possible, manage these stands before they decline. Carbondale, Lupton and Tawas mucks.														
Wld : leave all cedar and do not go into cedar pockets to harvest anything. Will assess prior to open house														
25	C6	F2	15	83	10	110	27	cedar	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - deer yard. Thick understory. Open areas throughout. Diameters are variable. Carbondale, Lupton and Tawas mucks.														
26	S3	S2	14	63		0	30	black spruce-swamp	immature	N		30-39 years	0	
comnts Fmd : Mainly spruce with some balsam and tamarack. Pockets of merchantable spruce and tamarack. Compared to the 1953 and 1964 photos, these areas are expanding due to decline in the mature spruce. Open areas throughout stand of more of an S1/S2. Some red maple and cedar regeneration. Carbondale, Lupton and Tawas mucks.														

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	A c r e s	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
27	S5	S2	17	92	7	60	30	black spruce-swamp	two aged	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
Too wet														
comnts Fmd : Stand density is very variable. Open areas and very thick pockets throughout. Spruce in overstory is mature. Some blowdown and mortality. Entire area is more open than it was on the 1953 and 1964 photos. Stands are showing decline in the overstory with thick regeneration in the open areas. Understory is very thick and established in many parts of these stands. Carbondale, Lupton and Tawas mucks.														
28	S3	S2	17	63		0	30	black spruce-swamp	immature	N		30-39 years	0	
comnts Fmd : Mainly spruce with some balsam and tamarack. Pockets of merchantable spruce and tamarack. Compared to the 1953 and 1964 photos, these areas are expanding due to decline in the mature spruce. Open areas throughout stand of more of an S1/S2. Some red maple and cedar regeneration. Carbondale, Lupton and Tawas mucks.														
29	S6	S3	57	92	9	120	43	black spruce-swamp	mature	Y	final harvest	within 0-9 years	3	
<u>Treatment Limiting Factors:</u>														
Too wet														
Road needed (resources not presently available)														
comnts Fmd : Nice dense black spruce stand. Healthy. Scattered tamarack throughout stand. Blowdown along edges of the stand. Plot data is from stands 24, 29, and 36. Access could be a problem due to wet ground to go through to get to the stand. Possible via old ice road on a good winter. Possible to harvest with stands 29, 36, and 35. Much of the area appears to be dying out when compared to the 1953 and 1964 photos. If access is possible, manage these stands before they decline. Carbondale, Lupton and Tawas mucks.														
Wld : do not cut cedar and do not harvest anything within cedar pockets.														
30	S3	S2	7	63		0	30	black spruce-swamp	immature	N		30-39 years	0	
comnts Fmd : Mainly spruce with some balsam and tamarack. Pockets of merchantable spruce and tamarack. Compared to the 1953 and 1964 photos, these areas are expanding due to decline in the mature spruce. Open areas throughout stand of more of an S1/S2. Some red maple and cedar regeneration. Carbondale, Lupton and Tawas mucks.														
31	C6	C2	87	88	8	130	28	cedar	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - winter deer yard. Stand is mainly cedar with some spruce and tamarack throughout. Areas with smaller diameters and lower basal area, thicker understory. Stand has a lot of variability in heights and basal area throughout. Carbondale, Lupton and Tawas mucks.														
32	C6	Q2	16	115	11	180	27	cedar	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - winter deer yard. Large diameter cedar. Very scenic stand (south end). Migration trail following the river. Stand is mature and healthy. Carbondale, Lupton and Tawas mucks.														
33	B6	S2	25	63	7	130	55	paper birch	old growth (potential or actual)	Y	final harvest	within 0-9 years	3	
<u>Treatment Limiting Factors:</u>														
Too wet														
Deer yards														
comnts Fmd : SCA - winter deer yard. Small diameter white birch with a real mix of species (balsam, cedar, red maple an spruce). Slightly higher ground than surrounding cedar stands. Balsam and spruce understory. Access could be a problem for harvesting this stand. Old ice road through stand 34 would be access route. Carbondale, Lupton and Tawas muck soils.														
Wld : do not cut cedar and do not go into cedar thickets to harvest anything. Do not disturb the conifer canopy.														
34	C6	Q3	107	88	9	100	28	cedar	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - winter deer yard. Cedar of some quality. South portion has smaller diameters. Northern portion has higher basal area and areas of larger diameters. Lots of variability in the stand. Carbondale, Lupton and Tawas muck soil. Old ice road north and south through stand.														

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	A c r e s	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
35	T6	F3	2	92	11	70	53	tamarack	old growth (potential or actual)	Y	final harvest	within 0-9 years	3	
<u>Treatment Limiting Factors:</u>														
Deer yards														
Inadequate volume due to small acreage														
comnts Fmd : SCA - winter deer yard. Large diameter tamarack over cedar. Tamarack is mature. Harvest only if we harvest with spruce stands to the east due to small acreage. Access is questionable due to wet ground and driveway needed off of M-28. Carbondale, Lupton and Tawas mucks.														
Wld : do not cut cedar and do not go into cedar thickets to harvest anything														
36	S6	S3	22	92	9	120	43	black spruce-swamp	old growth (potential or actual)	Y	final harvest	within 0-9 years	3	
<u>Treatment Limiting Factors:</u>														
Too wet														
Road needed (resources not presently available)														
comnts Fmd : SCA - winter deer yard. Nice dense black spruce stand. Healthy. Scattered tamarack throughout stand. Blowdown along edges of the stand. Plot data is from stands 24, 29, and 36. Access could be a problem due to wet ground to go through to get to the stand. Possible via old ice road on a good winter. Possible to harvest with stands 29, 36, and 35. Much of the area appears to be dying out when compared to the 1953 and 1964 photos. If access is possible, manage these stands before they decline. Carbondale, Lupton and Tawas mucks.														
Wld : do not cut cedar and do not go into cedar thickets to harvest anything														
37	E6	Q3	39	82	8	90	46	swamp hardwoods	old growth (potential or actual)	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : SCA - winter deer yard. Poor quality red maple, white birch, smaller diameter cedar and occasional spruce. Northern portion of stand is more red maple and white birch, Middle of the stand is small diameter cedar and southern portion is low quality maple over cedar. Lots of variability to the stand. Good cedar component throughout. Carbondale, Lupton and Tawas mucks.														
38	E3	Q3	17	18		0	48	swamp hardwoods	old growth (potential or actual)	N		50-59 years	0	
comnts Fmd : SCA - winter deer yard. Stand was typed as E5 last entry year. Overstory is mostly dead standing red maple. Dominant stand in the understory which is a mix of red maple, black ash, white birch, balsam, spruce and tag alder. Low ground. Pickford silt loam.														
39	A6	F3	19	68	10	90	67	aspen (upland)	old growth (potential or actual)	Y	final harvest	within 0-9 years	2	
comnts Fmd : SCA - winter deer yard. Mature aspen, some decay and rot showing. Open areas mixed in with clones of aspen. Northern portion has smaller aspen with poor quality red maple. Patches of balsam. Will need a permit for driveway from MDOT - could be a limiting factor. Rudyard silt loam.														
40	A3	A3	16	31		0	60	aspen (upland)	old growth (potential or actual)	N		20-29 years	0	
comnts Fmd : SCA - winter deer yard.														
41	A6	F3	8	68	10	90	67	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Mature aspen, some decay and rot showing. Open areas mixed in with clones of aspen. Northern portion has smaller aspen with poor quality red maple. Patches of balsam. Will need a permit for driveway from MDOT - could be a limiting factor. Rudyard silt loam.														
42	F3	Q2	4	31		0	60	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
comnts Fmd : Mix of balsam, white birch, spruce, red maple, and some black ash regeneration. Some dead red maple and balsam. Pickford silt loam.														

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
43	Q3	Q3	8	31		0	60	mixed swamp conifer	immature	N		30-39 years	0	
comnts Fmd : Balsam with white birch, black ash and some tag alder. Some residual overstory that has died out. Pickford silt loam.														
44	Q3	Q3	3	31		0	60	mixed swamp conifer	old growth (potential or actual)	N		30-39 years	0	
comnts Fmd : SCA - winter deer yard. Balsam with white birch, black ash and some tag alder. Some residual overstory that has died out. Pickford silt loam.														
45	M5	F3	6		9	50	50	northern hardwood	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : SCA - winter deer yard. Red maple with black ash and cedar. Dead trees throughout. Lower quality. Thick understory of F3/M3. Pickford silt loam.														
47	M6	F3	6		9	80	50	northern hardwood	old growth (potential or actual)	N		20-29 years	0	
comnts Fmd : SCA - winter deer yard. Red maple with white birch. Lower quality, some double and triple stems. Short heights. Mostly an F3 understory. Pickford silt loam.														
48	C3	C3	9	67		0	27	cedar	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - winter deer yard														
49	B6	F3	42	63	9	120	55	paper birch	old growth (potential or actual)	Y	final harvest	within 0-9 years	3	
<p><u>Treatment Limiting Factors:</u>                      Too wet                      Deer yards</p> <p>comnts Fmd : SCA - winter deer yard. Most of the white birch is healthy. Nice tall white birch. Pockets of large cedar throughout. Areas of blowdown. Patches of aspen. Red maple saplings have browsing. More of a conifer component in the eastern portion of the stand. Access off of M-28 via an old ice road is questionable. Would need the right winter weather. Wet ground. Recommend for harvest if access can be gained. Fish Division requests a 300 ft buffer from the water's edge (Sage River) - beaver management - per phone call with Jim Waybrant on 4/6/05. Carbondale, Lupton and Tawas muck.</p> <p>Wld : do not cut any cedar and do not reach into cedar pockets to harvest anything. Do not disturb the conifer canopy</p>														
50	Q5	Q2	12	88	8	60	28	mixed swamp conifer	old growth (potential or actual)	Y		30-39 years	0	
<p><u>Treatment Limiting Factors:</u>                      Inferior quality</p> <p>comnts Fmd : SCA - winter deer yard. Mainly cedar with white birch. Carbondale, Lupton and Tawas mucks.</p>														
51	B6	F3	22	83	8	110	46	paper birch	old growth (potential or actual)	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u>                      Delayed treatment for age/size class diversity                      Too wet</p> <p>comnts Fmd : SCA - winter deer yard. Two aged stand. Small diameter white birch, aspen and red maple. Large white pine and spruce. Pockets of pure cedar. Some mortality in aspen and birch. Open areas within stand with advanced regeneration. Lots of species variability within the stand. Carbondale, Lupton and Tawas muck soils.</p>														

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 121 Entry Year: 2007

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	D B H	Tot. BA							
52	L0	L0	9			0	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Lowland brush corridor along the Sage River													
53	B4	E3	14	39	6	30	50	paper birch	old growth (potential or actual)	N		30-39 years	0
comnts Fmd : SCA - winter deer yard. Small diameter white birch, poor quality, very wet. Evidence of old cut stumps. Understory of black ash, maple, birch and tag alder. Carbondale, Lupton and Tawas mucks.													
54	A6	F3	4	68	10	130	55	aspen (upland)	old growth (potential or actual)	Y	final harvest	within 0-9 years	2
comnts Fmd : SCA - winter deer yard. Stand has a lot of species variability. Areas of primarily aspen, others of dense cedar. Real mix of species within the stand (red maple, white birch, spruce, aspen and cedar). More of a conifer component to this stand than that of stands 56 and 57. Aspen is mature and starting to decline in quality. Blowdown in some cedar areas. Deer browsing on maple saplings. Stand is scheduled for harvest. Leave pockets of dense cedar. Set up for sale with stands 57, 56, 39 and 41. Access/driveway from M-28 will need to be permitted (new drive) from MDOT. Pickford silt loam soil.													
55	E3	E3	7	27		0	50	swamp hardwoods	old growth (potential or actual)	N		40-49 years	0
comnts Fmd : SCA - winter deer yard. Black ash, tag alder and some aspen. Carbondale, Lupton and Tawas muck soils.													
56	A6	F3	2	68	10	130	55	aspen (upland)	old growth (potential or actual)	Y	final harvest	within 0-9 years	2
comnts Fmd : SCA - winter deer yard. Stand has a lot of species variability. Areas of primarily aspen, others of dense cedar. Real mix of species within the stand (red maple, white birch, spruce, aspen and cedar). Aspen is mature and starting to decline in quality. Blowdown in some cedar areas. Deer browsing on maple saplings. Stand is scheduled for harvest. Leave pockets of dense cedar. Set up for sale with stands 54, 57, 39 and 41. Access/driveway from M-28 will need to be permitted (new drive) from MDOT. Pickford silt loam soil.													
57	A6	F3	13	68	10	130	55	aspen (upland)	old growth (potential or actual)	Y	final harvest	within 0-9 years	2
comnts Fmd : SCA - winter deer yard. Stand has a lot of species variability. Areas of primarily aspen, others of dense cedar. Real mix of species within the stand (red maple, white birch, spruce, aspen and cedar). Aspen is mature and starting to decline in quality. Blowdown in some cedar areas. Edge of stand along the highway is more red maple, spruce and cedar. Deer browsing on maple saplings. Stand is scheduled for harvest. Leave pockets of dense cedar. Set up for sale with stands 54, 56, 39 and 41. Access/driveway from M-28 will need to be permitted (new drive) from MDOT. Pickford silt loam soil.													
58	M3	G0	7	18		0	50	northern hardwood	immature	N		not scheduled	0
comnts Fmd : Cloverland Electric Powerline Right-of-Way. Young maple, aspen, balsam white birch. Pickford silt loam.													
59	X0	X0	5			0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0
comnts Fmd : M-28 and the right-of-way													
60	C6	Q2	16	63	10	170	28	cedar	old growth (potential or actual)	N		not scheduled	0
comnts Fmd : SCA - winter deer yard. Mixed stand of cedar and white birch with some maple and balsam. Areas with large diameter cedar, pockets of solid white birch. Heavy deer browsing where red maple regeneration is found. Carbondale. Lupton and Tawas mucks.													

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Age	A c r e s	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
61	C6	F2	52	115	10	130	27	cedar	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - winter deer yard. Stand has open areas with birch, maple and balsam regeneration. Areas of thick cedar have very little understory. Pockets of large diameter cedar (12-14 inch dbh). Large spruce throughout the stand. One 2-3 acre patch of spruce and tamarack along the Sage River. Carbondale, Lupton and Tawas mucks.														
62	C6	C2	78	95	10	180	28	cedar	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - winter deer yard. Nice thick, dense cedar stand. Good thermal cover characteristics. Areas with lage diameter cedar mixed in. Well established C3 understory (25 ft tall). Carbondale, Lupton and Tawas mucks.														
63	E3	E3	4	24		0	50	swamp hardwoods	old growth (potential or actual)	N		50-59 years	0	
comnts Fmd : SCA - winter deer yard. Red maple, black ash, tag alder and some balsam and spruce. Wet. Stand was created by a timber trespass from the adjacent private property. Pickford silt loam.														
64	P6	C2	6	73	11	150	55	balsam poplar & swamp aspen and swamp white birch	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage Cedar or Hemlock cutting restraints														
comnts Fmd : SCA - winter deer yard. Large diameter balsam poplar over cedar. Very poor quality in the balsam poplar. High basal area of cedar makes it difficult to treat this stand without cutting cedar. Carbondale, Lupton and Tawas muck soils.														
65	B6	M2	9	69	8	90	55	paper birch	old growth (potential or actual)	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Too wet Inferior quality														
comnts Fmd : SCA - winter deer yard. Small diameter white birch, large diameter cedar, some spruce and red maple. Poor quality in red maple and white birch. Good maple and birch regeneration in most areas where it is open. No real access to this stand due to low ground cedar stands adjacent. Carbondale, Lupton and Tawas mucks.														
66	L0	L0	15			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Lowland brush corridor along the Sage River														
67	Q6	F3	16	93	10	110	27	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet Cedar or Hemlock cutting restraints														
comnts Fmd : SCA - winter deer yard. Mixed stand of cedar with red maple, white birch, spruce, white pine and balsam. Poor quality in the maple, mortality in the white birch. Cedar and spruce are healthy. No access to this stand. Wet ground surrounds stand. Carbondale, Lupton and Tawas mucks.														

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand ID	Cover Type-Dnsty	Under Story-Stkng Level	Age	C r e s	avg. D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
68	S6	F3	24	93	9	110	43	black spruce-swamp	old growth (potential or actual)	Y	final harvest	within 0-9 years	2	
<p><u>Treatment Limiting Factors:</u>                      Land survey needed                      Adjacent landowner denies access</p> <p>comnts Fmd : SCA - winter deer yard. Areas in stand with blowdown and mortality. Thick F3 understory in open areas. Tall black spruce. Eastern portion of the stand has more cedar mixed in. Stand appears to have grown very slow for 20-25 years. Access would be through private land to the northeast. Harvest this stand along with stand 75 as one sale due to access through private. Pickford silt loam.</p> <p>Wld : do not cut cedar and do not reach into cedar thickets to harvest anything</p>														
69	C3	C3	9	69		0	27	cedar	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - winter deer yard</p>														
70	Q5	Q2	15	83	8	60	28	mixed swamp conifer	old growth (potential or actual)	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u>                      Adjacent landowner denies access                      Too wet                      Delayed treatment for age/size class diversity</p> <p>comnts Fmd : SCA - winter deer yard. Wet stand. Cedar with spruce and red maple. Open in many areas with thicker understory. Some mortality and blowdown. Dorval muck soil.</p>														
71	L0	L0	18			0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - winter deer yard. Tag alder. Occasional cedar or spruce. Old railroad grade (old road) through the stand. Pickford silt loam soil.</p>														
72	M5	F3	3		11	40	48	northern hardwood	old growth (potential or actual)	N		30-39 years	0	
<p>comnts Fmd : SCA - winter deer yard. Overmature red maple, dead tops, decay. Thick F3 understory 16-20 ft tall. Very poor quality to overstory. Long term management should be for the understory. Pickford silt loam.</p>														
73	Q4	L0	45	63	7	30	50	mixed swamp conifer	old growth (potential or actual)	N		50-59 years	0	
<p>comnts Fmd : SCA - winter deer yard. Wetter ground. Cedar, aspen, maple and spruce. Small drainage flowing through the stand into the Sage River. Tag alder understory. Some balsam and maple also in the understory. Pickford silt loam soil.</p>														
74	M5	F3	13	83	9	40	46	northern hardwood	old growth (potential or actual)	N		30-39 years	0	
<p>comnts Fmd : SCA - winter deeryard. Overmature red maple. Dead tops. Some black ash. Poor quality overstory. Understory is healthy and established. Manage for the understory. Check in 30 years. Pickford silt loam soil.</p>														

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
75	S6	F2	33	90	9	110	30	black spruce-swamp	old growth (potential or actual)	Y	final harvest	within 0-9 years	2	
<p><u>Treatment Limiting Factors:</u>                      Adjacent landowner denies access                      Land survey needed</p> <p>comnts Fmd : SCA - winter deer yard. Nice tall spruce with a high component of cedar throughout the entire stand. Pockets where cedar basal area is higher than spruce. Open understory. Access to the stand would have to be through the private property to the north. Harvest with stand 68 if we gain access. Will need to harvest the cedar within the stand for maneuverability concerns. Pickford silt loams.</p> <p>Wld : ndo not cut cedar and do not harvest anything by reaching into cedar pockets.</p>														
76	C5	Q3	22	88	8	60	27	cedar	old growth (potential or actual)	N		60-69 years	0	
<p>comnts Fmd : SCA - winter deer yard. Pockets of more dense cedar. Open areas with tag alder and scattered cedar. White birch and black spruce scattered throughout. Some blowdown cedar. Wet stand. Pickford silt loam.</p>														
77	A4	F3	13	53	9	40	47	aspen (upland)	immature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u>                      Inadequate volume due to low stocking/small diameter/etc.                      Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Semi open stand. Aspen, spruce and maple along the edges. A4/A5 on east end and M5/M4 on the west. Some cedar mixed in. Pickford silt loam soil.</p>														
79	A3	F2	7	18		0	55	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Stand runs along the west side of Co Rd 393, 2-3 chains wide. Pockets of A4/A3. Stand was harvested in 1987.</p>														
80	Q3	Q3	7	18		0	46	mixed swamp conifer	old growth (potential or actual)	N		50-59 years	0	
<p>comnts Fmd : SCA - wintere deer yard. Mix of red maple, white birch, some balsam and tag alder regeneration. Around the same age as stand 79 (A3) which was harvested in 1987. No sale maps showing exact sale boundaries. Pickford silt loam soil.</p>														
81	F3	F3	3	18		0	55	spruce-fir (uplands-including upland black spruce)	immature	N		40-49 years	0	
<p>comnts Fmd : Nice regeneration of balsam, red maple, black ash and spruce. Records of old cut along Co Rd 393 in 1987. Best estimate of when this was harvested. Pickford silt loam.</p>														
82	M5	F2	26		10	60	50	northern hardwood	old growth (potential or actual)	N		30-39 years	0	
<p>comnts Fmd : SCA - winter deer yard. Poor quality red maple with a real mix of other species (cedar, spruce, etc.). Scattered white birch. Numerous pockets of thick cedar. Open canopy areas have thick M3 understory of maple an ash. Good quality in the understory with overstory of poor quality. Check in 30 years. Pickford silt loam.</p>														
83	Q5	F2	17	87	9	60	27	mixed swamp conifer	old growth (potential or actual)	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u>                      Inferior quality                      Delayed treatment for age/size class diversity</p> <p>comnts Fmd : SCA - winter deer yard. Stand is patchy with areas of both high and low basal areas. Not much quality. Good regeneration in open areas. Mixture of species but mainly cedar. Check overstory quality in 10 years. Pickford silt loam soil.</p>														

**NEWBERRY FOREST MGT UNIT**

**Stand Level Information**

**Compartment: 121 Entry Year: 2007**

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
84	Q4	F3	8	83	9	30	45	mixed swamp conifer	two aged	Y		40-49 years	0	
<u>Treatment Limiting Factors:</u>														
Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : Spruce, cedar and red maple over a thick understory of balsam, white birch, spruce and maple. Old notes state that budworm killed all balsam in the overstory in the late 1970's. Possible evidence of old cutting? Pickford silt loam soil.														
85	C6	Q2	26	106	9	150	29	cedar	old growth (potential or actual)	N		40-49 years	0	
comnts Fmd : SCA - winter deer yard. Dorval muck soil														
86	F3	Q2	10	26		0	40	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	N		30-39 years	0	
comnts Fmd : SCA - winter deer yard. Old notes (1996) state that budworm killed balsam overstory. Stand is now a mix of balsam, maple, ash, and spruce regeneration. Scattered maple with dead tops and poor quality. Pickford silt loam.														
87	C6	C3	5	87	9	180	27	cedar	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - winter deer yard. Nice, thick cedar. Dorval muck soil.														
88	M5	F3	7	83	9	60	46	northern hardwood	old growth (potential or actual)	N		30-39 years	0	
comnts Fmd : SCA - winter deer yard. Poor quality red maple. Dead tops, crooked boles. Better quality in the understory of mainly balsam. Check the status of the stand in 30 years once the understory has matured.														
89	L0	L0	18			0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - winter deer yard. Drainage flowing through stand into the Sage River. Pickford silt loam.														
90	L0	L0	7			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Lowland brush corridor along the Sage River														
478	G0	G0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Small opening along the private property on the west side of Co Rd 393. North/south fence line and a small run down shed are in trespass within this stand. Pickford silt loam soil.														
<b>Total Acres.....</b>			<b>2130</b>											